ELECTIVE COURSES

**Elective Courses**
- Plan – Planning
- CE – Civil Engineering
- EgyE – Energy Engineering
- EnE – Environmental Engineering
- GE – Geodetic Engineering
- EnvSci – Environmental Science
- Geo – Geography
- CD – Community Development
- MS – Marine Science
- Econ – Economics
- PA – Public Administration

**UP Unit**
- SURP – School of Urban and Regional Planning
- COE – College of Engineering
- COE – College of Engineering
- COE – College of Engineering
- COE – College of Engineering
- CS – College of Science
- CSSP – College of Social Sciences and Philosophy
- CSWCD – College of Social Work and Community Development
- MSI – Marine Science Institute
- SE – School of Economics
- NCPAG – National College of Public Administration and Governance

**3-unit Elective Courses under ESTATE PLANNING Field of Specialization**

**Courses from SURP**
- Plan 205 – Project Planning and Development
- Plan 230 – Estate Planning and Development
- Plan 231 – Site Planning
- Plan 232 – Land Economics
- Plan 233 – Issues in Real Estate Development
- Plan 239 – Special Problems in Estate Planning

**Courses from Collaborating College/Unit**
- EnE 280* - Environmental Impact Assessment
- GE 203* (GmE 203) – Principles of Geographic Information Systems
- GE 202* - Principles of Remote Sensing
- GE 213 – Advanced GIS (Prereq. GE 203)
- Geography 209* - Spatial Analysis
- Geography 321* - Urban Systems
- Geography 291* - Geographic Aspects of Philippine Economic Development

*Courses from collaborating colleges, do not have prerequisites or would require COI
### 3-unit Elective Courses under **TRANSPORTATION PLANNING** Field of Specialization

**Courses from SURP**
- Plan 250 – Theories and Practice of Transportation Planning
- Plan 251 – Transport Technologies
- Plan 252 – Transport Modelling
- Plan 253 – Transportation Plan and Project Evaluation
- Plan 254 – Public Transportation Service and Operations Planning
- Plan 255 – Survey Methods in Transportation Planning
- Plan 256 – Transportation Economics
- Plan 257 – Transportation Policies and Planning Practices
- Plan 258 – Transportation Planning Analysis and Techniques
- Plan 259 – Special Problems in Transportation Planning

**Courses from Collaborating College/Unit**
- CE 240* - Transportation Systems Analysis and Planning
- Geography 209* - Spatial Analysis
- EnE 280* - Environmental Impact Assessment
- GE 203* (GmE 203) – Principles of Geographic Information Systems
- GE 202* - Principles of Remote Sensing
- GE 213 – Advanced Geographic Information Systems 3 u. *(Prereq. GE 203)*
- Geography 321* - Urban Systems
- Geography 291* - Geographic Aspects of Philippine Economic Development

*Courses from collaborating colleges, do not have prerequisites or would require COI*

### 3-unit Elective Courses under **ENVIRONMENT AND NATURAL RESOURCES PLANNING** Field of Specialization

**Courses from SURP**
- Plan 222 – Resource Use and Development
- Plan 232 – Land Economics
- Plan 280 – Environmental Planning and Policy Analysis
- Plan 289 – Special Problems in Environmental Planning

**Courses from Collaborating College/Unit**
- PA 291* - Environmental Governance
- MS 280* - Management of Marine Resource
- Econ 275* - Natural Resource and Environmental Economics
- EnE 280* - Environmental Impact Assessment
- CE 236* - Environmental Costs and Benefits in C.E.
- EnvSci 282* - Environmental Planning, Risk and Impact Assessment
- Ene 270* - Solid Waste Disposal and Management
- CD 235* - Community-Based Disaster Risk Management
- CD 227* - Community Conflict Resolution and Peace-Building Strategies
- GE 203* (GmE 203) – Principles of Geographic Information Systems
- GE 202* - Principles of Remote Sensing
- GE 213 – Advanced Geographic Information Systems *(Prereq. GE 203)*
- Geography 209* - Spatial Analysis
- Geography 291* - Geographic Aspects of Philippine Economic Development
- Geography 301* - Environmental Geography
- Geography 255* - Environmental Hazards and Disaster Management

*Courses from collaborating colleges, do not have prerequisites or would require COI*
3-unit Elective Courses under PUBLIC WORKS PLANNING Field of Specialization

Courses from SURP
Plan 240 – Public Works Planning and Development
Plan 241 – Public Works Project Development
Plan 242 – Issues in Public Works Planning and Development
Plan 243 – Public Works Project Management
Plan 249 – Special Problems in Public Works Planning and Development

Courses from Collaborating College/Unit
CE 236* - Environmental Costs and Benefits in C.E.
CE 240* - Transportation Systems Analysis and Planning
CE 215* - Water Resources Planning
EgyE 211* - Energy Engineering
EgyE 231* - Energy Economics and Systems Evaluation
EnE 280* - Environmental Impact Assessment
EnE 270* - Solid Waste Disposal and Management
GE 203* (GmE 203) – Principles of Geographic Information Systems
GE 202* - Principles of Remote Sensing
GE 213 – Advanced Geographic Systems (Prereq. GE 203)
Geography 209* - Spatial Analysis
Geography 321* - Urban Systems
Geography 291* - Geographic Aspects of Philippine Economic Development
Geography 255* - Environmental Hazards and Disaster Management

*Courses from collaborating colleges, do not have prerequisites or would require COI